

## **Power BI Assessment**

### **Problem Statement:**

Enhancing Educational Equity: A Comprehensive Analysis of Student, Staff, and School Data Across Australian Regions.

### **Background:**

Australia's commitment to quality education is unwavering, yet regional disparities persist. To bridge these gaps, a profound analysis of student, staff, and school data from various regions is imperative.

### **Problem Description:**

Candidates are given a dataset encompassing student information, staff details, and school profiles from diverse Australian regions. The challenge is to extract meaningful insights from this data. More than just presenting numbers, candidates are expected to provide insightful analytics that illuminate the educational landscape. The emphasis is on weaving a compelling narrative about educational challenges and opportunities based on the data.

### **Data Set:**

- Student Data
- Staff Data
- Schools Data

### **Key Points:**

- **Insightful Analytics:** Candidates are expected to derive deep insights from the data, identifying patterns and correlations that provide valuable perspectives on educational disparities and potential improvements.
- **Storytelling Approach:** Instead of merely presenting data, candidates should craft a narrative that paints a vivid picture of the educational challenges faced by different regions. This storytelling approach should be backed by solid data analysis.

- **Positive Impact:** The goal is to generate insights that can lead to positive changes in the education system. These insights should be actionable, addressing disparities and guiding interventions effectively.
- **Time Limit:** The assessment is scheduled for 4 hours. Candidates need to efficiently analyze the data within this timeframe, showcasing their analytical skills and ability to draw meaningful conclusions.